

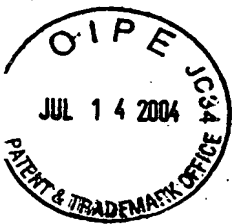
AMENDMENTS TO THE DRAWINGS

The attached sheet(s) of drawings includes changes to Figures 1(A), 1(B), 3(A), 3(B), 4(A), 4(B), 5(A), 5(B), 6(A), 6(B), 7(A), 7(B), 9(A), 9(B), 12(A) and 12(B) by labeling each Figure individually. Figures 12(A), 12(B) and 13 were labeled "PRIOR ART", as requested in the first Office Action.

Attachment: Replacement sheets
 Annotated sheets showing changes

Application No.: 09/857,904

Docket No.: 19036/37471



REPLACEMENT SHEETS



FIG. 1(A)

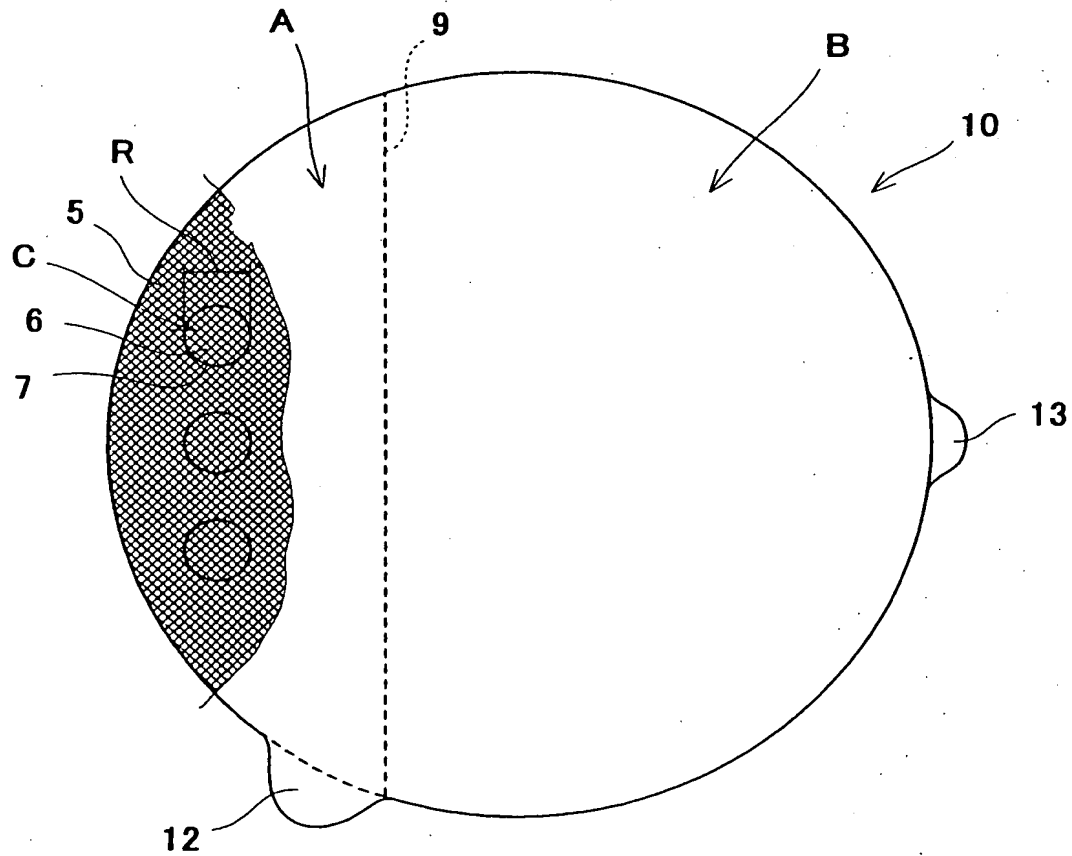
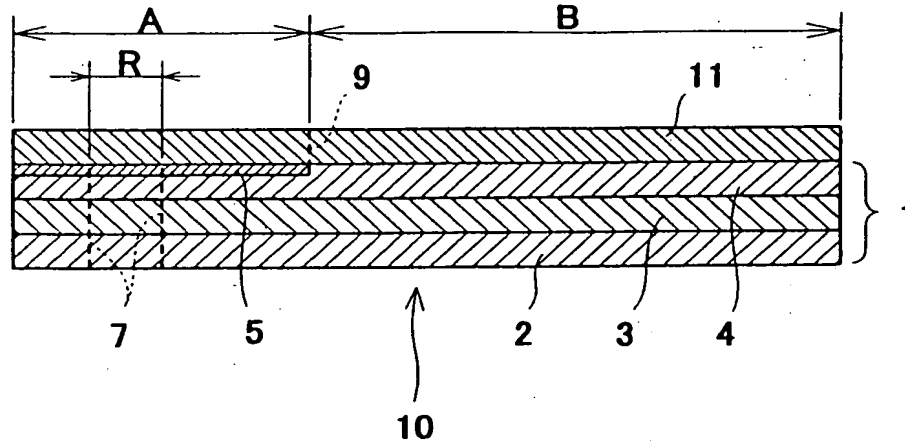


FIG. 1(B)

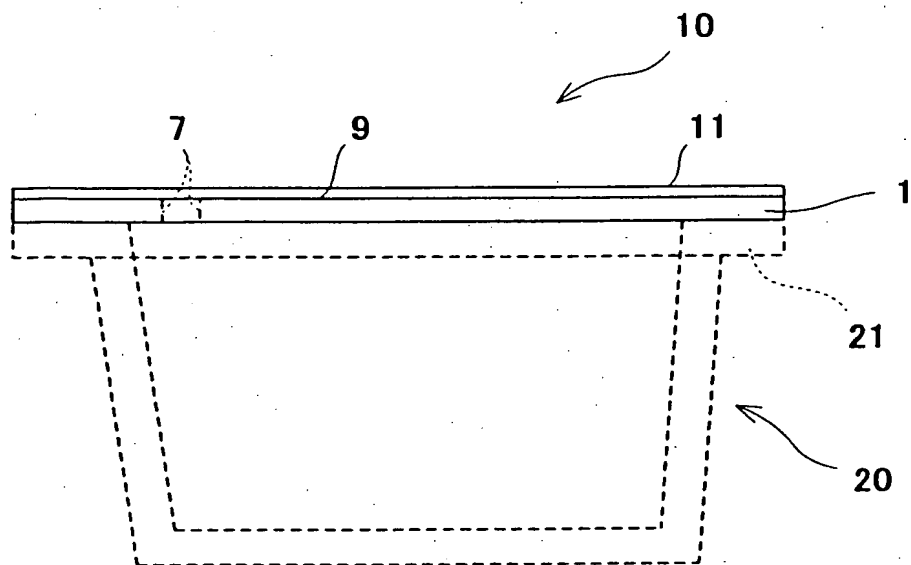
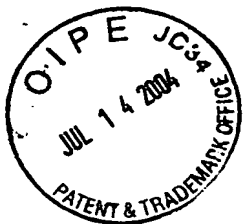


FIG. 2

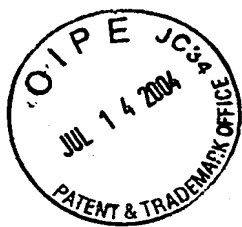


FIG. 3(A)

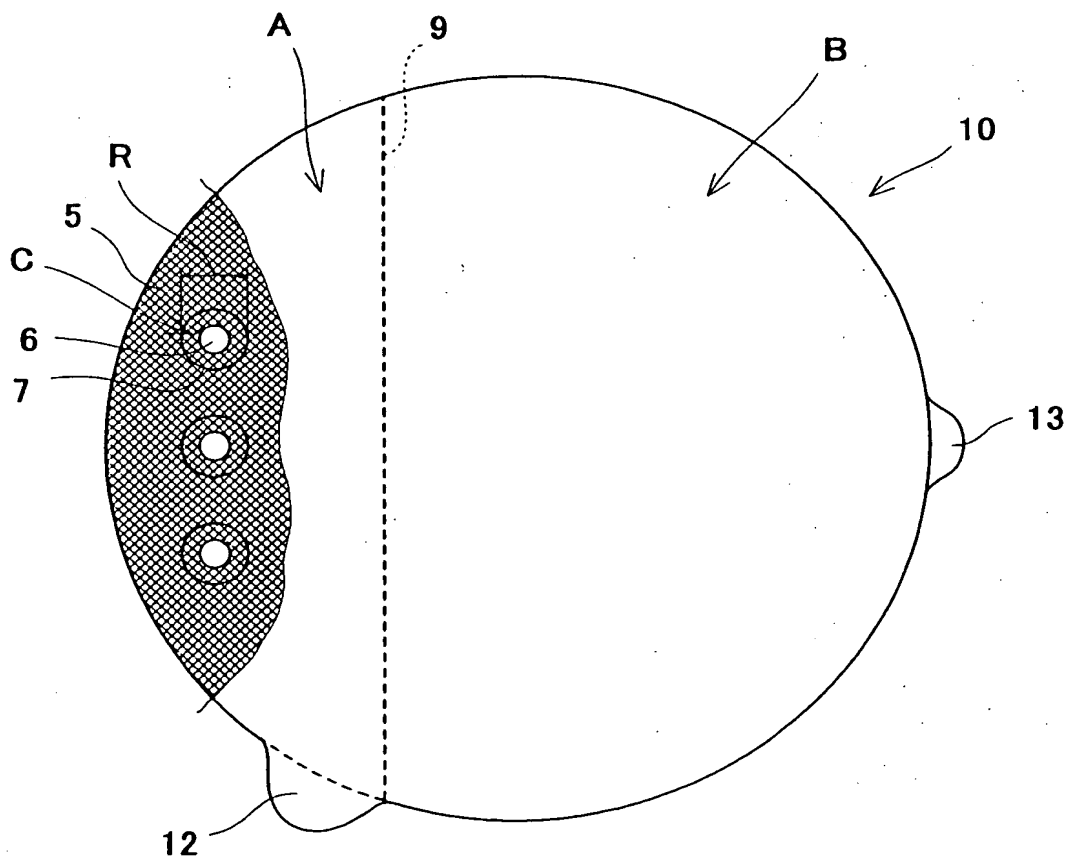
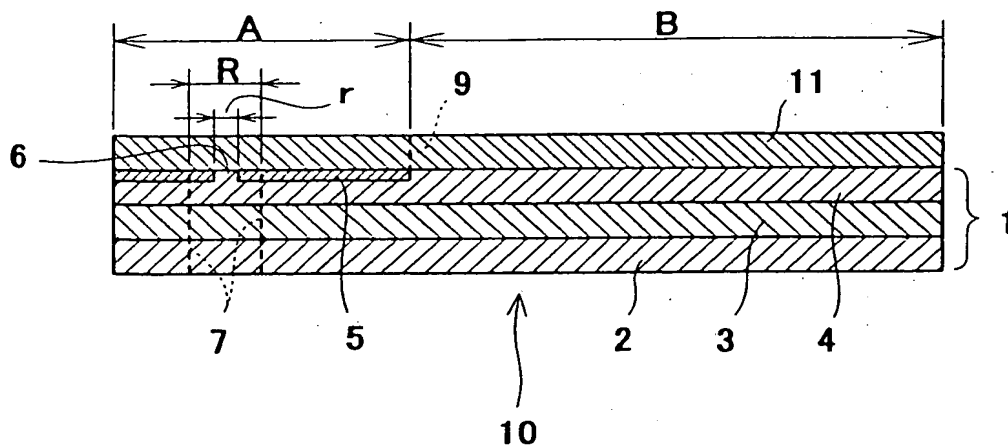


FIG. 3(B)

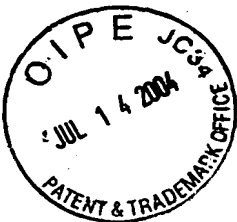


FIG. 4(A)

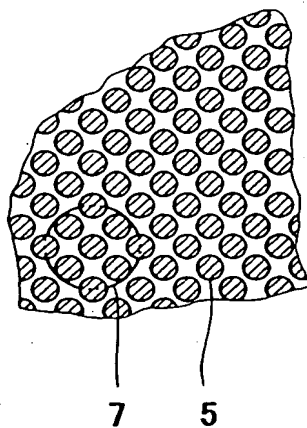


FIG. 4(B)

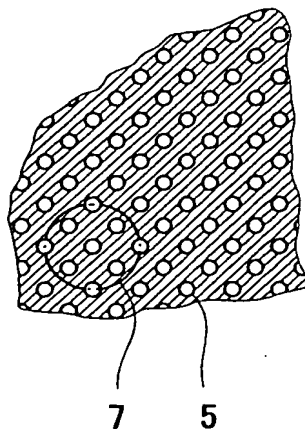




FIG. 5(A)

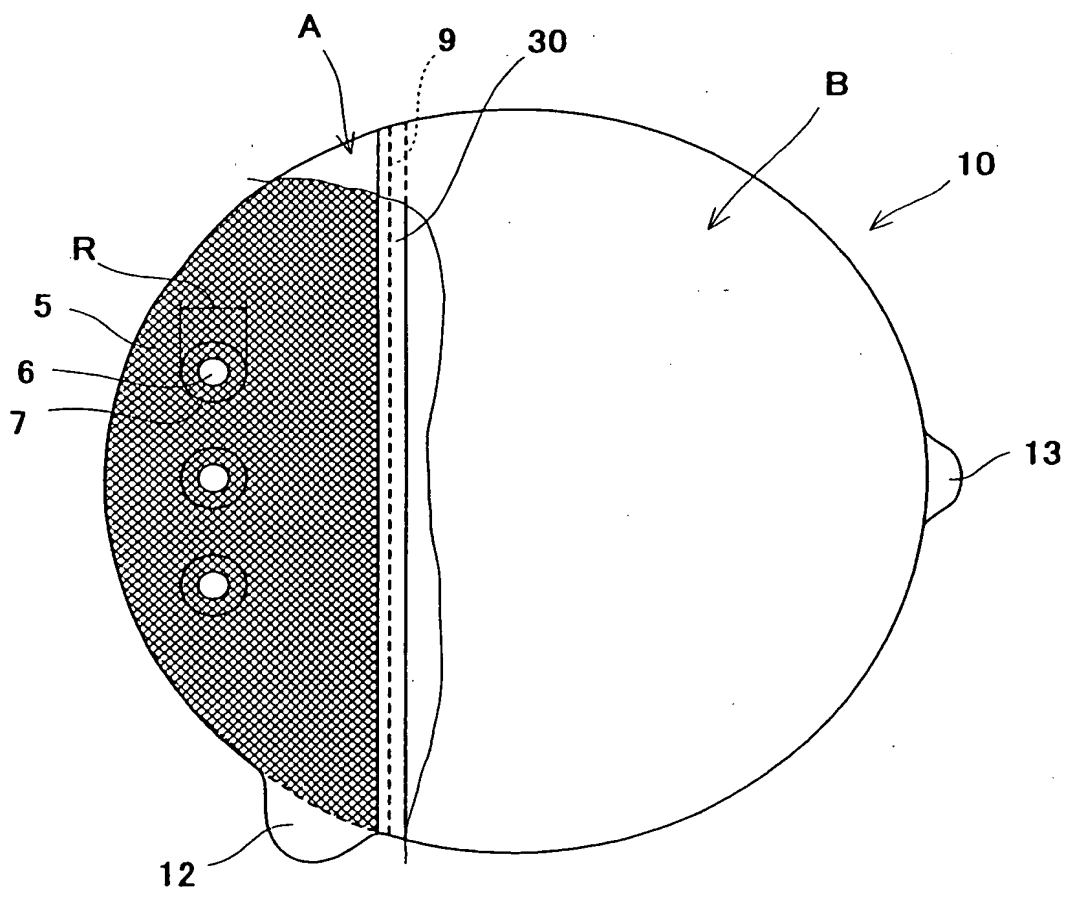
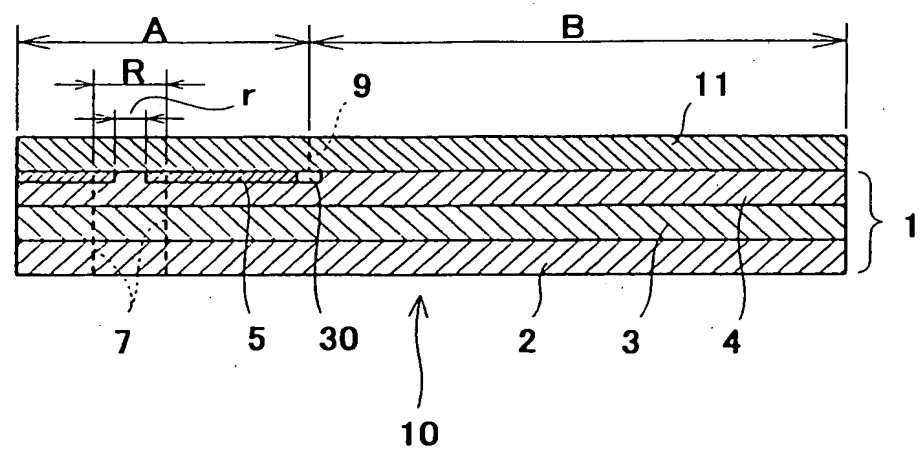


FIG. 5(B)



FIG. 6(A)

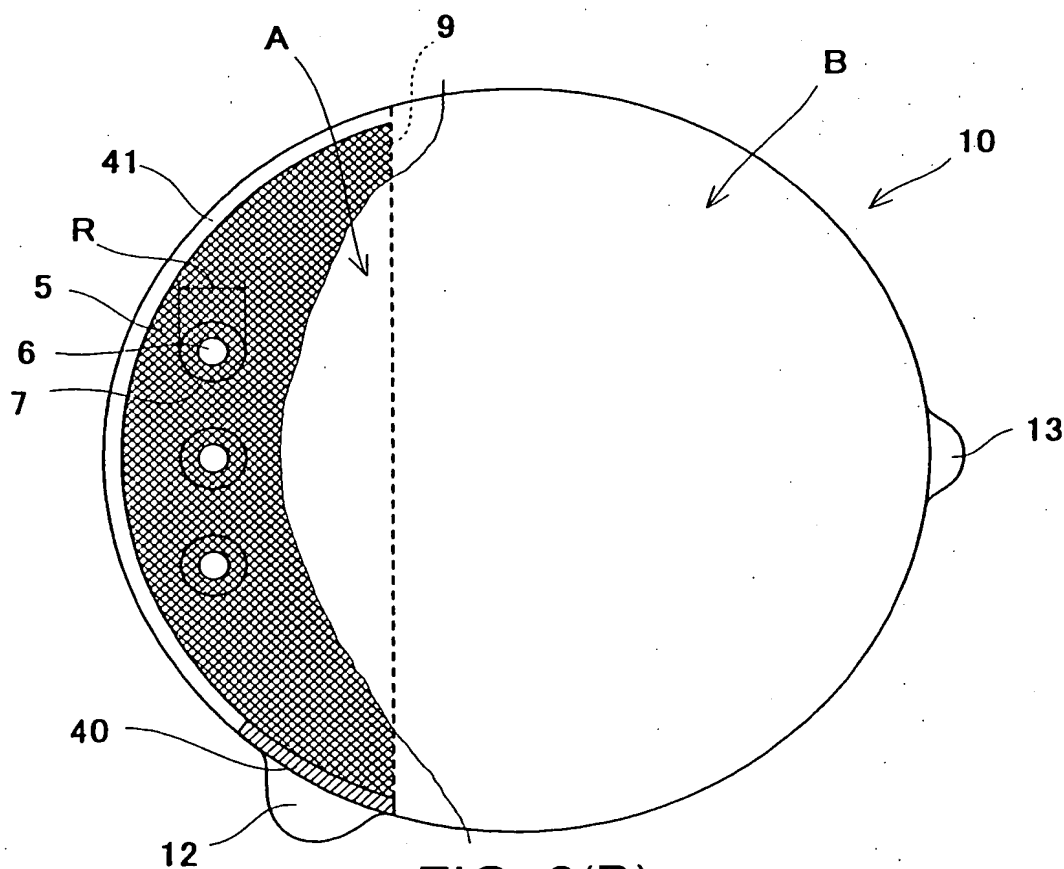
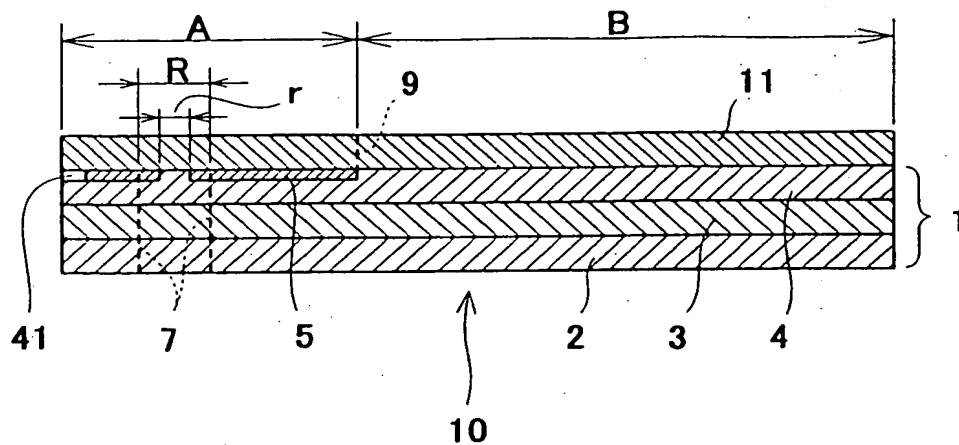
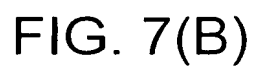


FIG. 6(B)

Diagram illustrating a cross-sectional view of a multi-layered material structure. The structure consists of several layers, with a central core (layers 2, 3, and 4) and a surface layer (layers 5 and 6). A dashed line 7 indicates a boundary. A curved arrow 10 points to the core. Dimensions R and r are indicated at the top. A bracket 11 groups layers 2, 3, and 4. A bracket 16 groups layers 5 and 6.



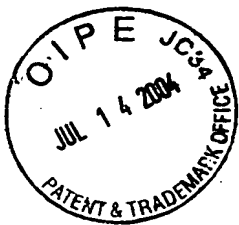
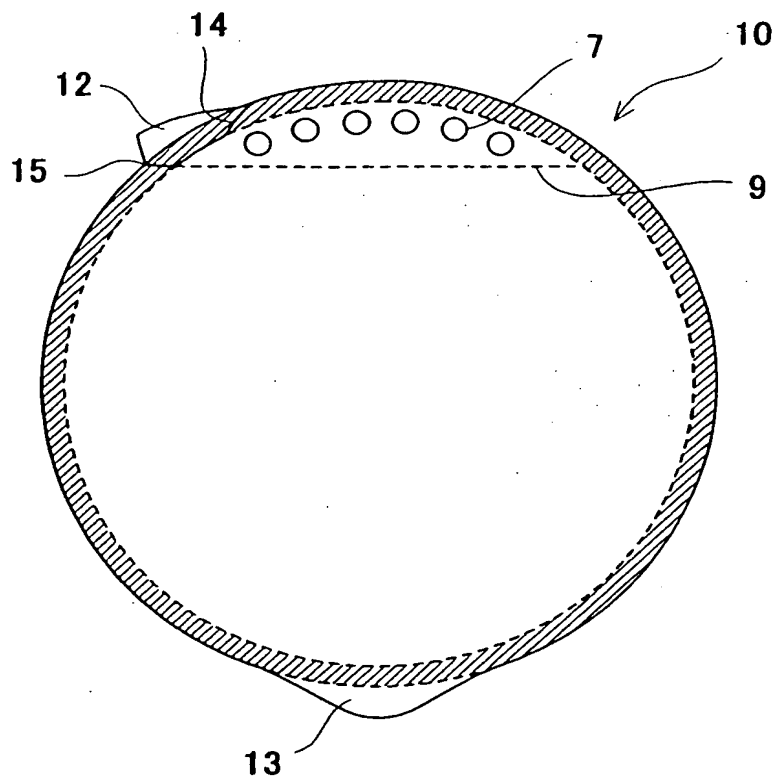


FIG. 8



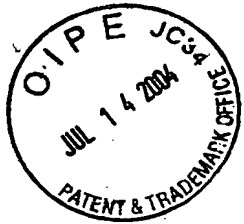


FIG. 9(A)

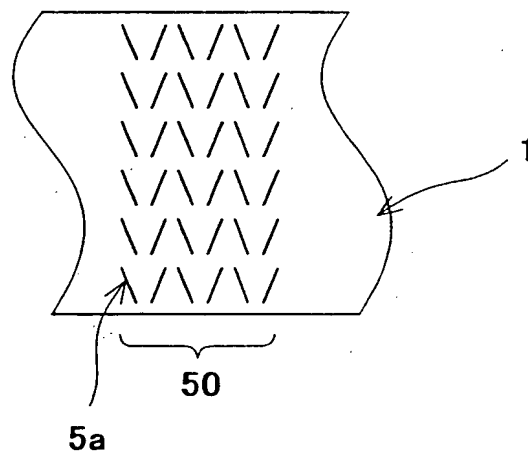
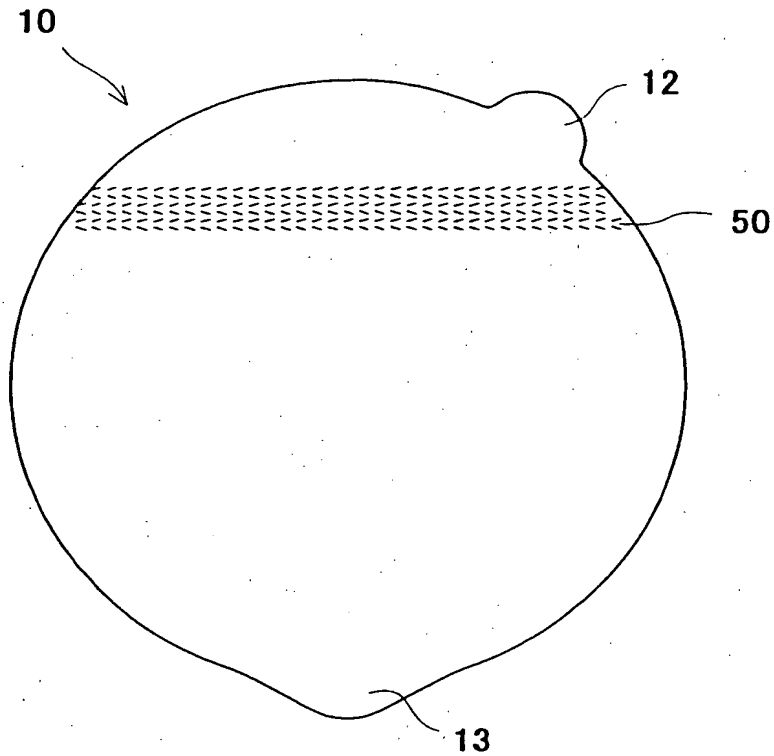


FIG. 9(B)

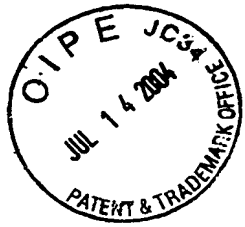
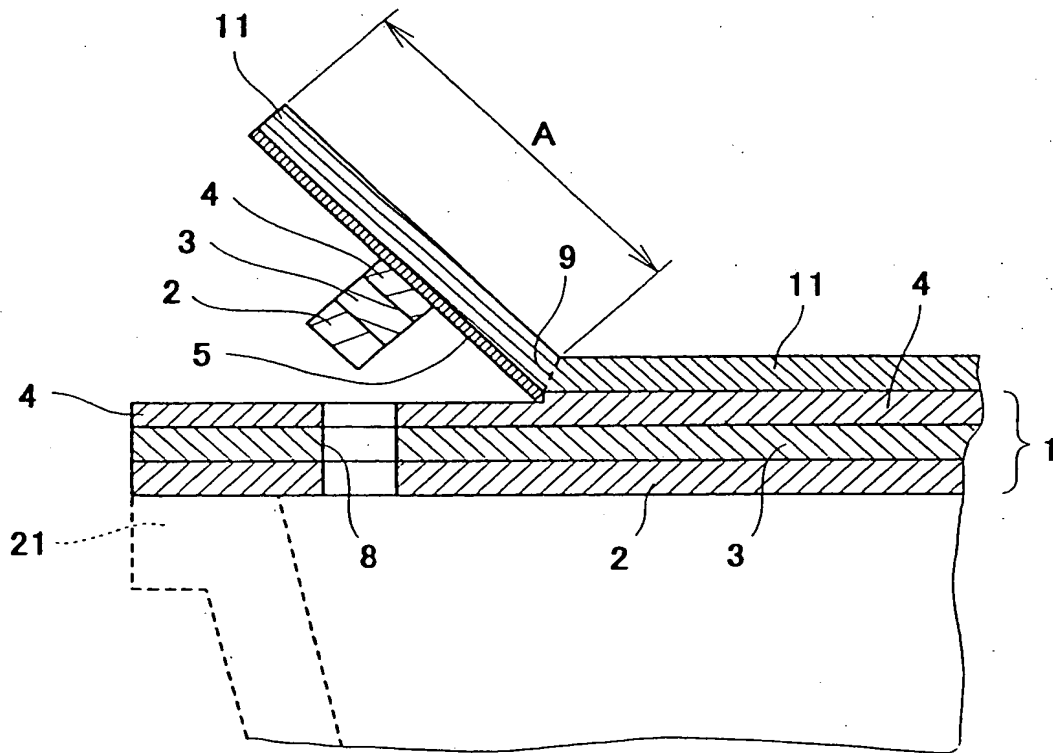


FIG. 10



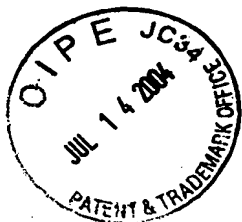


FIG. 11

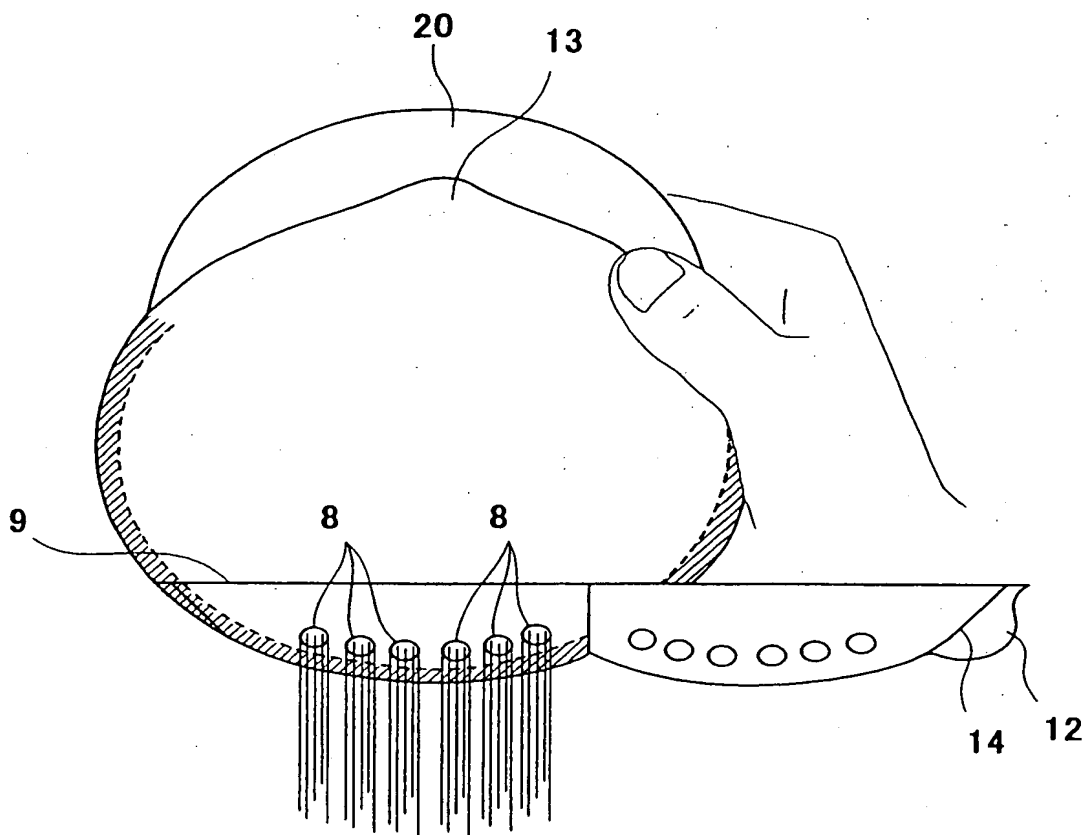




FIG. 12(A)
(PRIOR ART)

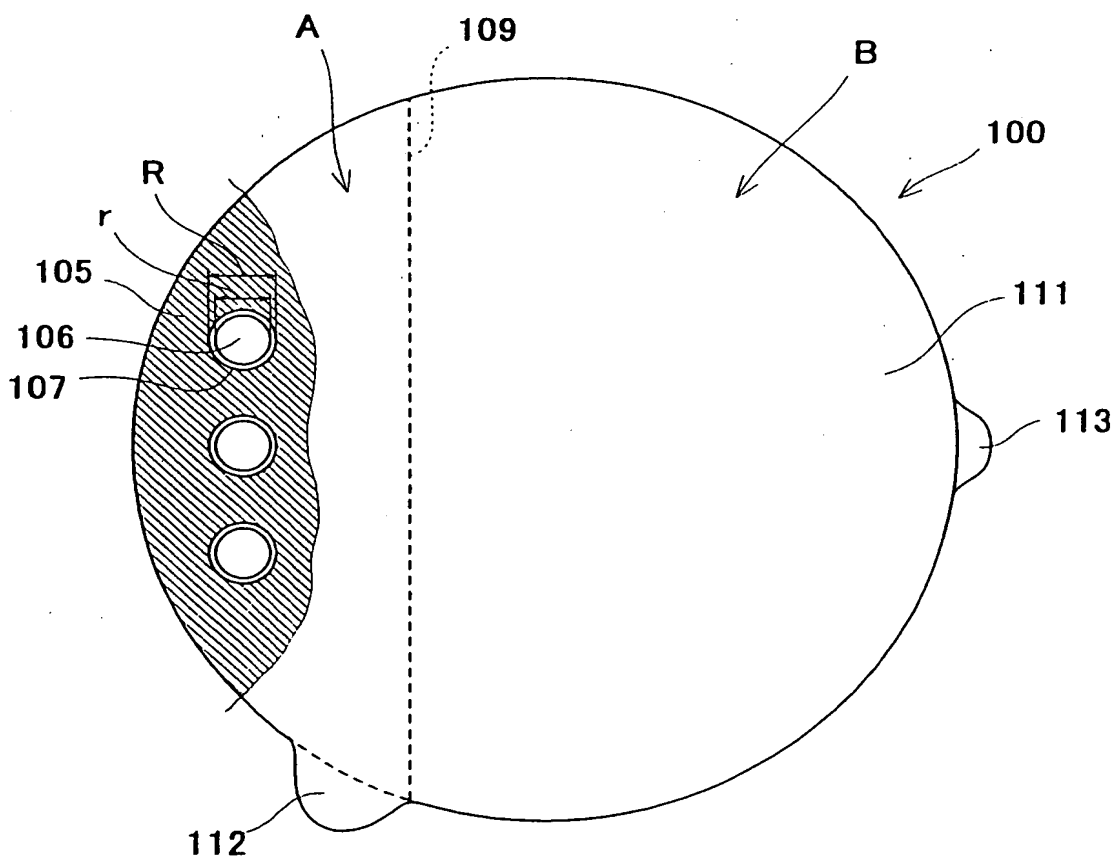
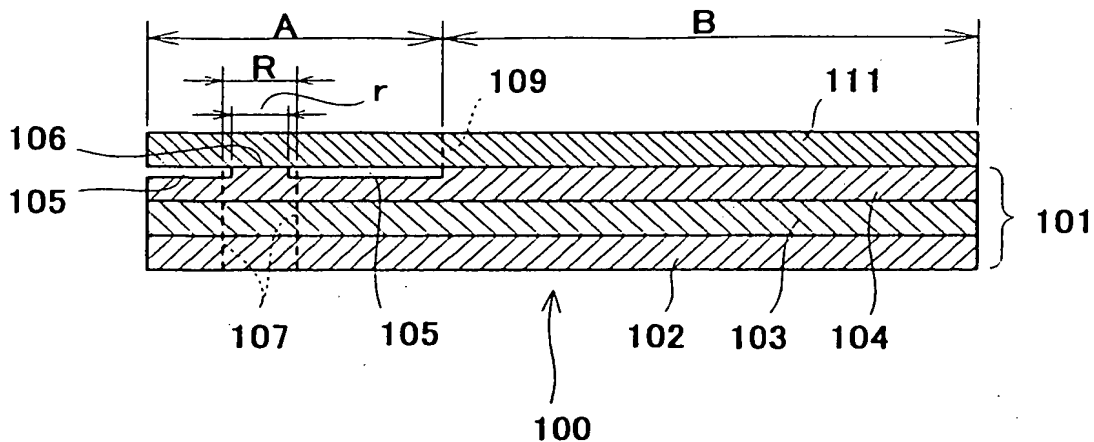


FIG. 12(B)
(PRIOR ART)

